EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER

07078815

PUBLICATION DATE

20-03-95

APPLICATION DATE

30-06-93

APPLICATION NUMBER

05160826

APPLICANT: KAWASAKI STEEL CORP;

INVENTOR: MIYAMOTO IKUO;

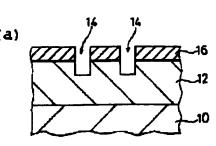
INT.CL.

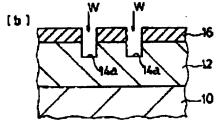
: H01L 21/3205 H01L 21/28 H01L 21/285

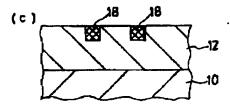
TITLE

SEMICONDUCTOR DEVICE AND ITS

MANUFACTURE







ABSTRACT: PURPOSE: To provide a semiconductor device and its manufacturing method wherein the coverage of a step-difference in a fine device is sufficiently ensured, the wiring formation process can be simplified, and low resistance wiring of high reliability is formed.

> CONSTITUTION: By an ion implantion method, W ions are implanted in the bottom part 14a of a wiring trench 14. This ion implantation is performed by using resist 16 as a mask which resist has been stuck at the time of forming the wiring trench 14. As the result, a layer containing W is formed in the bottom part 14a of the wiring trench 14.

COPYRIGHT: (C)1995,JPO